Question Paper
ANMC Mock Test Class 7 - Comparing Quantities (Paper 5)

Exam ID : TEST/2024/01/05135133 Report Generation Date : 3/26/2024 3:00:24 PM

Q1: A bag contains 50p, 25p, 10p coins in the ratio 2 : 6 : 3, amounting to Rs. 224. Find the total number of coins.

A: 800

B: 880

C: 850

D: 860

Answer: B

Q2: If a number x is 25% less than another number y and y is 25% more than 144, then value of x is:

A: Rs.122880

B: Rs. 117120

C: Rs. 120420

D: None of the above

Answer: B

Q3: If 20% of 10% of 40 = 15% of x, then x is:

A: 5.58

B: 5.25

C: 5.33

D: 5.60

Answer: C

Q4: A number increased by 23 1/3 % gives 37. The number is :

A: 33

B: 27

C: 28

D: 30

Answer: D

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Q5: A sum of Rs.1500 was lent partly at 3% and partly at 5% p.a. simple interest. The total interest received after 3 years was Rs.180. The ratio of the money lent at 3% to that lent at 5% is:

A: 2:1

B: 1:1

C: 1:2

D: 3:2

Answer: B

Q6: A man sells a mare at Rs. 7440 making a loss of 7%. The cost of the mare is:

A: Rs.7900

B: Rs.7800

C: Rs.8000

D: Rs.7990

Answer: C

Q7: Which of the following is the correct ascending order?

A: 5/9 < 3/4 < 4/7 < 9/13

B: 4/7 < 5/9 < 9/13 < 3/4

C: 5/9 < 4/7 < 9/13 < 3/4

D: 9/13 < 4/7 < 5/9 < 3/4

Answer: C

Q8: A car is marked at Rs. 1000000. The dealer allows successive discounts of 20%, 10% and 2 1/3% on it. What is the net selling price of it?

A: Rs. 703224

B: Rs. 703624

C: Rs. 703284

D: Rs. 703574

Answer: A

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Q9: Janhavi offers a discount of 23% on all the items at her shop and still makes a profit of 8%. What is the cost price of an article marked at Rs. 540?

A: Rs. 410

B: Rs. 360

C: Rs. 390

D: Rs. 385

Answer: D

Q10: What is the ratio of 26 kg to 3900 gm?

A: 2 : 300

B: 20 : 3

C: 2 : 3

D: 200 : 3

Answer: B

Q11: Tina said to her mom that she ate 42.86% of the apple that was there on the basket and she gave half of the remaining to her younger one Rina. Then what percentage of apple remains in the basket?

A: 28.57%

B: 28.25%

C: 28.75%

D: 28.46%

Answer: A

Q12: A map is given with a scale of 2 cm = 1000 km. What is the actual distance between the two places in km, if the distance in the map is 2.8 cm?

A: 1600 km

B: 1500 km

C: 1200 km

D: 1400 km

Answer: D

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Q13: If angles of a triangle are in the ratio 1 : 4 : 5. Find the value of each angle.

A: 120, 480 and 1200

B: 180, 720 and 900

C: 200, 800 and 900

D: 160, 640 and 1000

Answer: B

Q14: Rs. 7,000 is borrowed at 7.3% rate of interest p.a. borrowed for 2 years. Find the amount to be paid at the end of the second year.

A: Rs. 8020

B: Rs. 8018

C: Rs. 8022

D: Rs. 8024

Answer: C

Q15: A shopkeeper purchased 200 bulbs for Rs. 12 each. However 5 bulbs were fused and had to be thrown away. The remaining was sold at Rs. 15 each. Find the gain or loss %.

A: 25% gain

B: 21.88% gain

C: 25% loss

D: 21.88% loss

Answer: B

Q16: A man buys a plot of agricultural land for Rs. 300000. He sells one-third at a loss of 20% and two-fifths at a gain of 25%. At what price must he sell the remaining land so as to make an overall profit of 15%?

A: Rs. 115100

B: Rs. 115500

C: Rs. 115010

D: Rs. 115000

Answer: D

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Q17: The selling price of goods which cost Rs. 14.20 and were sold at a loss of 10% is:

A: Rs. 12.78

B: Rs. 12.26

C: Rs. 12.58

D: Rs. 12.96

Answer: A

Q18: A tank can hold 200 liters of water. At present, it is only 30% full. How many liters of water shall I add in the tank, so that it is 70 % full?

A: 70 liters

B: 80 liters

C: 90 liters

D: 60 liters

Answer: B

Q19: An article is marked at Rs. 2640. If it is sold for Rs. 2250, then find the discount per cent.

A: 15.38%

B: 16.63%

C: 14.77%

D: 13.68%

Answer: C

Q20: A car is marked at Rs. 12,00,000. The dealer allows successive discounts of 20%, 10% and 5% on it. What is the net selling price of it?

A: Rs. 820600

B: Rs. 820900

C: Rs. 820700

D: Rs. 820800

Answer: D

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Q21: P took 0.40 minutes to reach School from the bus stop whereas Q took 30 seconds. What is the ratio of P's speed and Q's speed?

A: 4:3

B: 5:4

C: 5:3

D: 3:1

Answer: B

Q22: If a merchant estimates his profit as 45 1/3% of the selling price, what is the profit percent?

A: 85.75%

B: 80.45%

C: 82.93%

D: 86.78%

Answer: C

Q23: If a number x is 30% less than another number y and y is 20% more than 1200, then value of x is:

A: 1008

B: 1020

C: 1010

D: 1000

Answer: A

Q24: What is 12% of 10% of 15% of 2500?

A: 4.0

B: 5.0

C: 5.5

D: 4.5

Answer: D

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Q25: If 4.25% more is gained by selling an article for Rs. 732 than by selling it for Rs. 681 then the cost of the article is:

A: Rs. 1500

B: Rs. 1200

C: Rs. 1600

D: Rs. 1000

Answer: B

Q26: A sum of Rs. 1800 was lent partly at 5% and partly at 6% p.a. simple interest. The total interest received after 3 years was Rs. 300. The ratio of the money lent at 5% to that lent at 6% is:

A: 4:5

B: 2:3

C: 1:2

D: 3:4

Answer: A

Q27: The cost of a vehicle after depreciation at the rate of 8% per annum in 2 years is Rs. 126960. The initial cost of vehicle is:

A: Rs. 150000

B: Rs. 180000

C: Rs. 200000

D: Rs. 120000

Answer: A

Q28: If (25% of 80) ÷ (15% of 1/y) = x% of 2000, then the ratio x:y is?

A: 10:3

B: 15:4

C: 20:3

D: 12:5

Answer: C

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Q29: If angles of a triangle are in the ratio 3/2 : 4 : 9/2. Find the value of each angle.

A: 120, 480 and 1200

B: 180, 720 and 900

C: 200, 800 and 900

D: 270, 720 and 810

Answer: D

Q30: Rani offers a discount of 26% on all the items at her shop and still makes a profit of 5%. What is the cost price of an article marked at Rs. 630?

A: Rs. 410

B: Rs. 444

C: Rs. 420

D: Rs. 452

Answer: B